SIERRA DESIGNS 68/69

SIERRA DESIGNS

4th & Addison Streets
Berkeley, California 94710
Phone: (415) 849-1942

Take University Avenue turnoff from freeway. Turn right at first stop light (6th Street), go one block and turn right on Addison.

SIERRA DESIGNS SPECIALIZES IN THE MANUFACTURE OF QUALITY, LIGHTWEIGHT EQUIPMENT DESIGNED FOR THE CLIMBER, BACKPACKER OR ANY SPORTSMAN WHO DEMANDS QUALITY GEAR.

- PROMPT SERVICE
- ALL ITEMS SHIPPED POSTPAID
- THE FINEST IN MATERIALS AND WORKMANSHIP
- COMPLETE SATISFACTION WITH PRODUCT, OR A FULL REFUND OF YOUR MONEY

TO OUR CUSTOMERS . . .

Here is our third annual catalog. We are somewhat amazed that almost three years have passed since we came into an empty, rundown building with a pile of lumber and a single, rented sewing machine. Since then the building has become crammed and cramped. This summer will find us in new quarters in Berkeley, California, and our move will coincide with the mailing of this catalog. New quarters will allow us to increase our production and also to maintain even tighter control over the quality of our products. **Sierra Design's** retail facilities will be expanded to provide a comprehensive range of equipment for the backpacker and mountaineer.

This catalog includes a number of new items of our manufacture, as well as revised and improved models in our regular line. Again, we invite you to examine our products and compare them to those of other makers. Our sincerest good wishes to you on your wilderness outings.

Bob Swanson George Marks
Dave Buschman

CLEANING/MAINTENANCE SERVICE FOR SIERRA DESIGNS DOWN BAGS

For owners of **Sierra Designs** Down Bags . . .

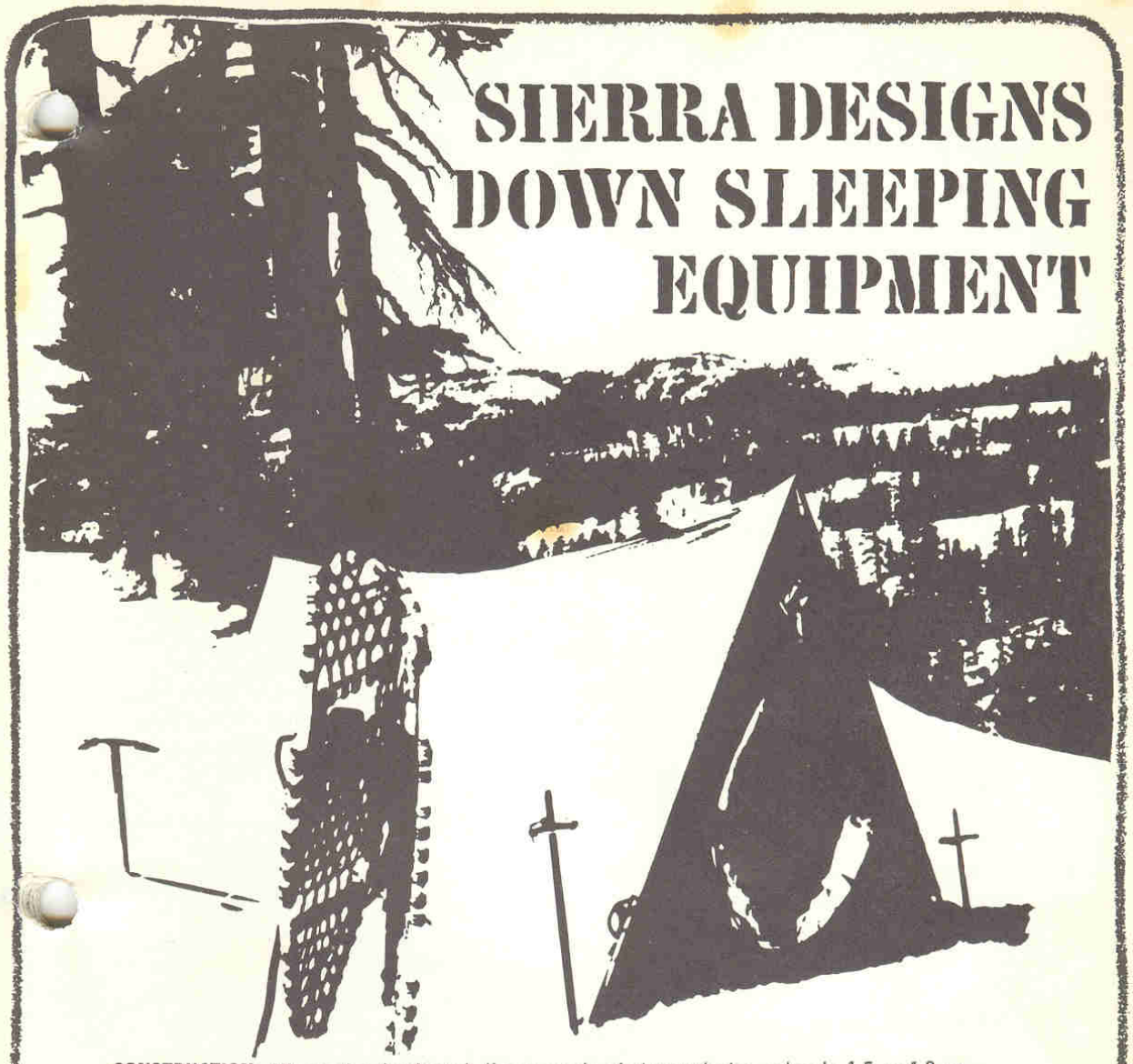
- Careful dry-cleaning by an experienced plant.
- Inspection in our factory of your bag to insure perfect condition. Minor seam repair and patching included.
- Returned to you postage paid—surface p.p.

Mail bag to us—you pay postage and insurance. Include check or M.O. for $9.50.

Allow 3-4 weeks for service.

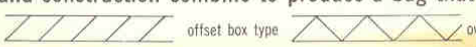
If bag is received by us and shows unusual or major damage, we will correspond with you and give an estimate.

SIERRA DESIGNS DOWN SLEEPING EQUIPMENT



CONSTRUCTION: All our sleeping-bag shells are made of strong ripstop nylon in 1.5 or 1.9 oz. fabric weights. Baffles are of a netting specially woven to be light and strong; it resists warping or spreading and holds tightly to the sew line. Synthetic threads are used throughout. All sleeping-bag zippers are oversize #7 molded nylon — lighter and more durable than metal. All our bags employ "differential cut," meaning the inside shell is smaller than the outside — the same principle used in a vacuum bottle, namely a consistent, three-dimensional "dead-air" space. The smaller inner shell prevents the sleeper from pushing through the insulating layer of down to the outer shell. No seams are sewn through the bag: inner and outer seams are offset at least half the width of a down tube. Zipper-draft tubes are large and fully protect this vulnerable area. Two baffle arrangements are used: slant wall and overlapping V-tube (see diagrams). Down fill is carefully measured by weight and distributed through the bag to an exact pattern. Meticulous attention to detail marks our bag construction, and we invite comparison with all others.

GOOSEDOWN FILL: All our down-filled products contain Prime-graded down from North European birds. "Prime" is a trade term, used by the importers and processors of our goose-down to indicate Select material. We rely on quality as much as on sheer poundage to gain maximum warmth. Quality in material and construction combine to produce a bag that's light to carry and warm to sleep in.



LOFT/TEMPERATURE RANGE: The thickness, or loft, of a sleeping bag is a rough indicator of the warmth it will give. Loft figures in this catalog are measurements of total thickness through the bag as it lies on the ground. Physical conditions and individual body-warmth vary, so temperature ranges given are, at best, an average. We want to emphasize that insulation from cold ground is most important, for neither goosedown nor differential construction are of any avail on the bottom. A foam or ensolite pad is recommended.

MODEL #100

SUPERLIGHT

The bag for the backpacker/mountaineer who wants the ultimate combo of lightness, compactness and warmth. We do not hesitate to recommend this very light bag for Winter use. The combination of differential cut and slim profile make for maximum conservation of heat. Zipper options allow for ventilation in warmer ranges, easy entry to bag and union of single bags to make doubles. Shell fabric is 1.5 oz. ripstop nylon. Top of bag draws shut with leather friction sliders to form snug hood in cold weather. Because of its slim profile, the Superlight is not recommended for heavy-bodied persons, who may find it too constricting. STUFF SACK INCLUDED. COLORS: Bright Blue or Red.

	30″ zipper	66″ zipper
REGULAR (to 5′10″)	**$70.00**	**$72.50**
LARGE (to 6′3″)	**$74.50**	**$77.00**
X-LARGE (to 6′8″)	**$79.50**	**$82.00**

30″ zippers right side only (lying in bed). Specify which side desired when ordering 66″ zipper.

SPECIFICATIONS:

Construction: Slant wall, 6″ tube width.
Weight Regular: 2 lbs. 8 oz.
Weight Large: 2 lbs. 11 oz.
Weight X-Large: 2 lbs. 15 oz.
Filling: Prime white goosedown.
Regular 25 oz.
Large 27 oz.
X-Large 30 oz.

Stuffed Size: 7″x18″
Loft: 6″+
Estimated Min. Temp.: 12°
Inside Girth Shoulders: 58″
Inside Girth Foot: 36″

MODEL #200

PERFECT

"Perfect" may sound cheeky, but the #200 has so admirably satisfied expectations of our mountaineering customers that the name seems descriptive rather than merely laudatory. This bag offers room not usually associated with "mummy" bags and has great warmth without being either heavy or awkward to pack. It has many converts from packers who "couldn't sleep" in anything but a square-cut bag. Cut with lots of differential and generous baffle-height, the Perfect achieves impressive loft from the average fill of 2½ lbs. of goosedown. Shell fabric is 1.9 oz. ripstop nylon. Top draws shut with leather friction sliders to form snug hood for cold weather. STUFF SACK INCLUDED. COLORS: Deep Blue, Forest Green, Orange.

	30″ zipper	66″ zipper
REGULAR (to 5′10″)	**$81.00**	**$83.50**
LARGE (to 6′3″)	**86.50**	**89.00**
X-LARGE (to 6′8″)	**92.50**	**95.00**

30″ zippers right side only (lying in bag). Specify which side desired when ordering 66″ zipper.

SPECIFICATIONS:

Construction: Slant wall, 6″ tube width.
Weight Regular: 3 lbs. 12 oz.
Weight Large: 4 lbs.
Weight X-Large: 4 lbs. 5 oz.
Filling: Prime white goosedown.
Regular 35 oz.
Large 38 oz.
X-Large 42 oz.

Stuffed Size: 9″x18″
Loft: 7½″+
Estimated Min. Temp.: 8°
Inside Girth Shoulders: 64″
Inside Girth Foot: 41″

MODEL #300

EXPEDITION

This is our finest sleeping bag, unequalled for warmth, comfort and detailed quality construction. The Expedition is recommended to mountaineers encountering sustained and severe alpine conditions. Shell is of 1.5 oz. ripstop nylon, and baffling is a continuous piece of nylon netting sewn in the overlapping V-tube pattern. V-tube baffling is used in this bag even though it results in increased weight (about 3 times the amount of netting is required), for when set on 6″ tube-spacing it gives many small, interlocking compartments. Quantity and consistency of filling in the Expedition produce a fantastic 9″ to 10″ loft, and the bag needs almost no fluffing before use. The Expedition is not everyman's bag; but it is, we believe, the finest. STUFF SACK INCLUDED. COLORS: Bright Blue or Red.

	30″ zipper	66″ zipper
REGULAR (to 5′10″)	**$102.00**	**$104.50**
LARGE (to 6′3″)	**$109.00**	**$111.50**
X-LARGE (to 6′8″)	**$119.00**	**$121.50**

30″ zippers right side only (lying in bag). Specify which side desired when ordering 66″ zipper.

SPECIFICATIONS:

Construction: V-tube, 6″ tube width.
Weight Regular: 4 lbs. 4 oz.
Weight Large: 4 lbs. 9 oz.
Weight X-Large: 5 lbs. 2 oz.
Filling: Prime white goosedown.
Regular 42 oz.
Large 46 oz.
X-Large 51 oz.

Stuffed Size: 9″x21″
Loft: 9″+
Estimated Min. Temp.: −20°
Inside Girth Shoulders: 64″
Inside Girth Foot: 41″

OMNI

Candidly, we introduced the Omni as a concession to mummy-haters. It proved so versatile in its first year, and response was so warm, we've now given it serious design-attention. The new model offers many improvements. Pattern is re-cut to give more room through upper ⅔ of the bag, and baffles are re-spaced to 6″ intervals (they were 8″). Differential cut has been added; down filling is increased; and a detachable hood is now available. This semi-rectangular bag is still meant for the backpacker — weight quite reasonable and packed size a neat 9″x19″. A pair of Omnis zipped together make an enormous double bag, with the zippers around the perimeter — a distinct advantage over two zipped-together mummies. For people with mountain cabins, the Omni can be used opened flat as a down quilt, covering a a double bed. STUFF SACK INCLUDED. ONE COLOR: Deep Blue.

REGULAR (to 6′) **$82.50** LARGE (over 6′) **$87.00**

DETACHABLE HOOD: Snaps onto top of bag. Recommended for cold weather use. Filled with Silver-Gray goosedown. Draws with leather friction slider.
Weight: 5 oz. **$7.00**

***NOTE: Snaps are attached to bag only if ordered with hood. If ordering second Omni for pairing, and hood is ordered, be sure to inform us of intended use, as snap arrangement differs.

SPECIFICATIONS:

Construction: Slant wall, 6″ tube width.
Weight Regular: 4 lbs. 6 oz.
Weight Large: 4 lbs. 10 oz.
Filling: Prime Silver-Gray goosedown
Regular 38 oz.
Large 41 oz.

Stuffed Size: 9″x21″
Loft: 6″
Estimated Min. Temp.: 18°
Size Opened Flat: Regular 65″x80″
Large 65″x86″

DOUBLE MUMMY

Matchless sleeping comfort for two. Double Mummy is lighter, cheaper and more efficient than any combination of zipped-together singles. Its 6¼ lbs. is a tolerable pack-weight: packed size of 11″x21″ allows the Double to be carried on almost any good pack-frame, and your partner is freed of the largest single part of her pack. Each side of bag has its own 66″ nylon zipper, and separate draw-closure hoods allow individual ventilation control. Double Mummy comes in a single length — for persons to 6′3″. It's not designed for single use, but quite a few heavyweights buy it for that: it provides luxurious space for really hefty people. STUFF SACK INCLUDED.

COLORS: Deep Blue or Forest Green. **$126.50**

SPECIFICATIONS:

Construction: Slant wall, 6″ tube width.
Weight: 6¼ lbs.
Filling: Prime Silver-Gray goosedown.
3 lbs. 6 oz.
Stuffed Size: 11″x21″

Loft: 6″+
Estimated Min. Temp.: 10°
Girth Shoulders: 99″
Girth Hips: 90″
Girth Foot: 57″

SLEEPING PADS: 2″ thickness CONVOLUTED FOAM: Superior comfort and insulation. Convoluted foam offers maximum average thickness with least weight. Waterproof cover of Nylport. 54″ and 72″ lengths have tie-points for joining pairs of equal-length pads.

22″x54″ Wgt. 1 lb. 12 oz.
Rolled Size: 6½″x22″ **$10.75**
22″x72″ Wgt. 2 lbs. 4 oz.
Rolled Size: 7½″x22″ **$13.50**

"PACKER" foam pad. Straightforward simplicity.
1½″ thick and 20″x42″
Wgt. 1¼ lbs.
Rolled: 5″x20″ **$8.00**

ENSOLITE: High density foam. Will not absorb water and offers excellent insulation with a modicum of comfort. Low cost, zero upkeep.

⅜″ thickness and 19″x42″
14 oz. **$4.00**
3/16″ thickness and 19″x42″
7 oz. **$2.25**

SLEEPING BAG COVERS: Added warmth and protection for your Sierra Designs Mummy bag. Ripstop top with Nylport bottom. Specify bag model, size, color and zipper arrangement.
Half zipper: **$17.50**
Full zipper: **$19.50**

MOUNTAINEER'S FOOTSACK

A ¾-length bag for use with down parkas under bivouac conditions. Eliminates the need to carry a full-size bag on extended climbs. Doubles very nicely as a child's bag, for those up to 54″ tall. Very light, but constructed for optimum warmth. Construction is identical to #100 Superlight. 1.5 oz. nylon shell, no zipper, one length (63″ overall). STUFF SACK INCLUDED.

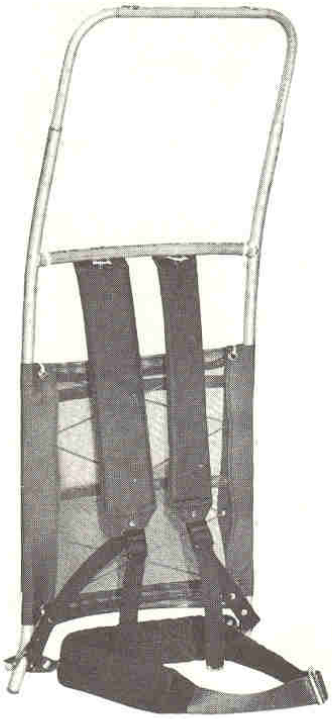
COLORS: Blue or Red. **$39.50**

SPECIFICATIONS:
Weight: 26 oz.
Filling: 16 oz. Silver-Gray goosedown.
Stuffed Size: 7″x12″
Loft: 6″
Girth Top: 52″
Girth Foot: 36″

STUFF SACKS: Made of 3½ oz. waterproof nylon. One piece construction with square bottom. Draw closure.

#001	3½x8	**$1.00**	#200	9x18	**$2.00**
#002	5x10	**$1.25**	#300	9x21	**$2.50**
#003	7x12	**$1.50**	#400	7x24	**$2.25**
#100	7x18	**$1.75**	#500	11x21	**$2.75**

SIERRA DESIGNS PACKBAGS & FRAMES



FRAME ASSEMBLY

Our frame units are designed to carry the heaviest loads in comfort, and to withstand hardest usage. Contour frame is built of 6061 T-6 aluminum alloy; all joints are heli-arc welded. Frame is fitted with a full size heavy nylon-mesh panel. This has proved superior to backbands for comfort and proper weight-distribution. Mesh allows excellent ventilation, helping to keep your back cool and dry. Shoulder harness is padded with ⅜″ thickness ensolite encased in tubular nylon. Padded waistbelt encircles the body and transfers load to your hips, rather than holding pack against the back. Frame has removable top extension for carrying extra loads. Two sizes.

REGULAR:	persons to 5′10″	Wgt. 2¼ lbs.
LARGE:	persons over 5′10″	Wgt. 2½ lbs.

$23.50

PACKBAGS

Large capacity packbags are made of 7.5 oz. coated waterproof nylon pack duck. We offer only the ⅔ length type of bag, with large area below for attachment of sleeping bag, foam pads, etc. Straps are provided for this and are attached to frame. Four pockets are provided, all with nylon zipper closures. Side pockets are 3″ deep x 5½″ x 12″. Back pocket is 2″ deep x 7″ x 9″. Map pocket on lid measures 8″ x 12″. Aluminum hold-open bar at top allows easy access to main compartment. COLORS: Scarlet or Navy.

REGULAR SIZE: 7″ deep x 15″ wide x 18″ high.
Wgt. 24 oz.

LARGE SIZE: 9″ deep x 16″ wide x 21½″ high.
Wgt. 28 oz.

$21.50

MOUNTAIN PACKS

DAYTRIPPER

The classic small pack for hiking, climbing and skiing. Wedge shape allows greatest freedom of movement, while pack lies snug to the back. Pack is divided into an upper and lower compartment, for division of items and control of weight-distribution. Leather shoulder straps attach at top to D-ring and join lower straps with tabler buckle for easy, positive adjustment. Three leather patches with straps allow carrying of ice axe, etc., on outside of bottom. Fabric is 7.5 oz. waterproof nylon pack duck. Bottom of triple-tanned, oiled leather. Zippers are nylon. Waist belt included. Size is 19″ high by 14″x6½″ bottom. Wgt. 23 oz.

COLORS: Navy or Scarlet.

$17.50 leather bottom
$13.50 w/o leather bottom

SUMMIT

A medium size pack for the weekend mountaineer who knows how to travel very light. Three pockets: two side pockets 1½″ deep x 5½″ x 12″ — lid pocket is bellows type 11″ square. Zippers are nylon. A skirt of ripstop nylon is set to upper edge of pack, allowing extension of sack for overloading, or for use of pack as emergency footsack during bivouac. Pack comes with axe-carrier, waistbelt, and four accessory strap patches with straps. Two patches set on bottom and two on back. Padded shoulder straps attach to D-ring and adjust with tabler buckles. Fabric is 7½ oz. coated pack nylon. Bottom of triple-tanned, oiled leather. COLORS: Navy or Scarlet. Size: 20″x13″x7″. Wgt. 1 lb. 14 oz.

$24.00

SIERRA DESIGNS MOUNTAIN TENTS

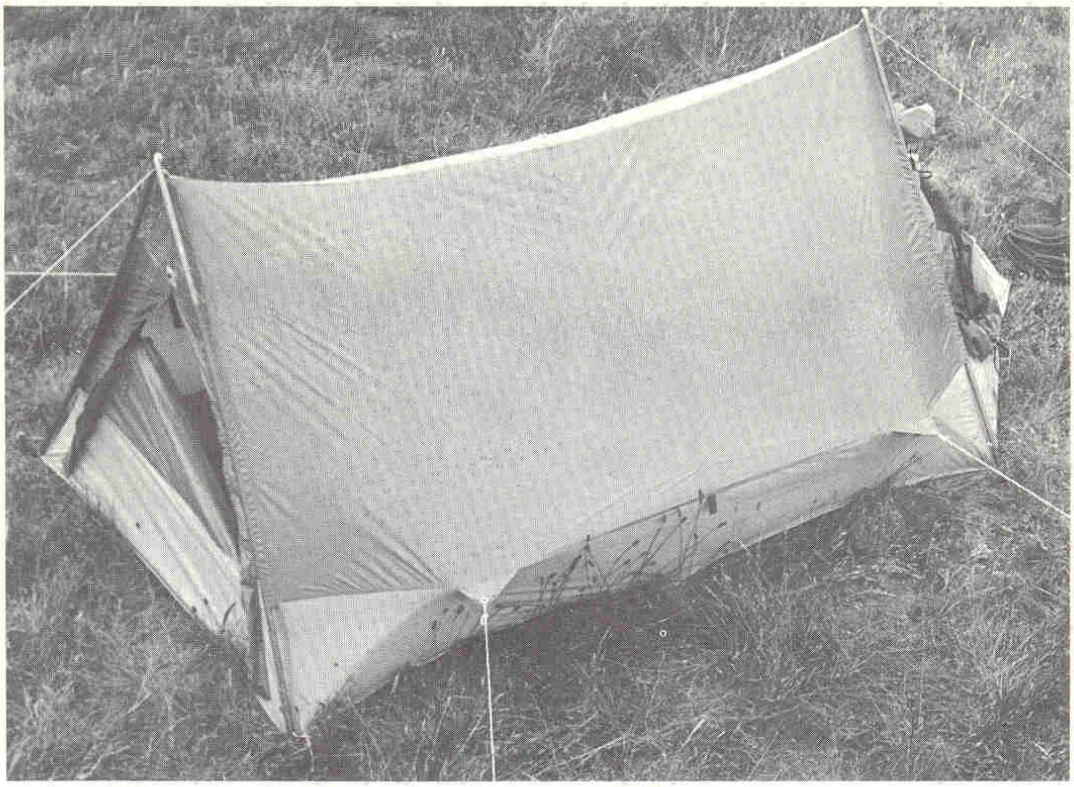
MATERIALS: All nylon fabrics and extra strong threads. All zippers are molded nylon; door zippers are #7 size, eliminating jamming or failure.

CONSTRUCTION: Our tents are carefully constructed. All panels are joined on a double-needle machine using a lap-seam folder for the utmost strength. Catenary cuts are used in all side panels to eliminate sag, reducing flutter in wind. Lower side and end panels are all made of coated material to keep inside of tent dry. All attaching points use spur grommets and points of strain are reinforced. All tents are vented.

SCREENDOORS: We take particular care in building our screendoors. They are sewn in along tent floor and zip up sides with pairs of nylon zippers. When screendoor is closed, nothing can fly or crawl inside.

POLES: Aluminum angle poles all have shock-cord interiors. Sections cannot separate, and poles are self-erecting. Poles are held by sleeves on tent, and bottom ends lock into grommet tapes.

CARE AND PITCHING OF TENTS: Reasonable care will insure that you receive long and excellent service from your mountain tent. After a trip, we advise that you clean out the tent and thoroughly dry it before storing. Remove guylines and close doors before laundering. In use, take care to protect floor from sharp objects: watch for stones wedged into Vibram soles; remove boots if possible. Select a level site, with attention to direction of weather. Clear site of sharp objects. On snow, stamp out a good base to insure as hard and level a floor as possible. First step is to stake out the four corners squarely and with good tension. Insert poles in sleeves; lock base of poles into grommets, then pull up and securely peg out end-guys. Side-guys come next, adjusting to proper tension and best angle. Rainfly will secure onto main tent-guys; set loops into place quickly and properly. After a bit of practice, you will find pitching any of our tents a matter of a few minutes, once the site is prepared.



GLACIER

Our finest tent for two persons and their equipment. The arrangement of catenary-cut wall panels and pullouts gives optimum interior space for the 7½x4½ foot floor area. The carefully cut walls stretch without sag or wrinkle. We have made a significant change in the Glacier this year by the addition of an alcove at the tunnel entrance. The alcove extends 28″ along centerline of tent. With virtually no increase in weight, the floor space has been increased by 4½ square feet. This extra storage area serves to increase the "living" space by freeing it of clutter. Glacier tent has two entrances: tunnel door at one end and zipper door at other. Superb ventilation is achieved by adjustment of these doors and the peak vent at tunnel end. Each entrance has a screen door which will keep out all insects and animals. Lower walls around tent are made of Nylport to a height of 12″. Flysheet overlaps these lower walls to make a very dry tent in all weather. Flysheet zippered at tunnel door. Zippered cookhole is standard equipment, as well as pocket attached to walls at each end of tent for small items. Tent supplied with pegs, guylines and carrying sack. COLORS: Bright Blue or Orange.

TENT **$92.50** POLES **$17.00** RAINFLY/K-kote Ripstop **$23.50**
COMPLETE GLACIER TENT **$133.00**

SPECIFICATIONS:

Total Weight: 6½ lbs. (w/wire pegs)
Pole Wgt.: 24 oz.
Fly Wgt.: 24 oz.
Tent Wgt.: 3¼ lbs.

Floor Size: 7½′x4½′ + 4½ sq. ft. alcove.
Height: 45″ both ends.
Packed Size: 6½″x22″

3-MAN

In response to many requests, we are introducing a lightweight tent which will accommodate three adults, or two adults and two children. The combination of spaciousness and light weight will particularly appeal to backpacking families. Tent is hexagonal in floor plan and is supported by three exterior poles. This design is very stable and leaves the interior completely open. Tent is simple to erect, requiring only that the floor be carfully and evenly staked out. Floor and lower sidewalls (14″ high) are of coated waterproof nylon. 14″ lower sidewalls cant out from base to guyline attaching points. This increases interior space 14″ above floor level to over 48 square feet. Hexagonal design gives very large volume for a given floor dimension. Sidewalls are Nylport. Floor is a heavier (3½ oz.) fabric for better wear. Full flysheet of coated ripstop nylon attaches to tent guys and has zipper set over tent entrance. Tent has two vents set in upper walls. Tent is supplied with guylines, pegs and carrying sack. COLORS: Bright Blue or Orange.

TENT W/POLES **$112.00** RAINFLY/K-kote Ripstop **$24.50**

COMPLETE 3-MAN TENT **$136.50**

SPECIFICATIONS:

Total Weight: 7 lbs. 14 oz.
Pole Wgt.: 2 lbs.
Fly Wgt.: 2 lbs.
Tent Wgt.: 3¾ lbs.

Floor Size: Hexagon, 3′9″ each side. Extreme point to point 7′6″. Largest side of a rectangle 6′6″. Area, 48 sq. ft.
Height at Peak: 5′7″
Packed Size: 6″x26″

WILDERNESS

Lightweight, easy to pitch, snug and tight against the weather: these attributes make our Wilderness tent a most satisfactory two-man shelter. Tent is 1.9 oz. ripstop nylon with each sidewall cut in three panels using two catenary cuts. Tent stretches without sag in walls or ridge. Lower walls around tent are waterproof Nylport to a height of 12″. Floor is Nylport and has a zippered cookhole at entrance end. Screen door is completely sealed on all sides when zippered. Entrance is zippered with #7 nylon zippers 41″ long. Vent set in rear panel. Aluminum angle poles at both ends. Pegs, guylines, and carrying sack included. COLORS: Brigth Blue or Orange.

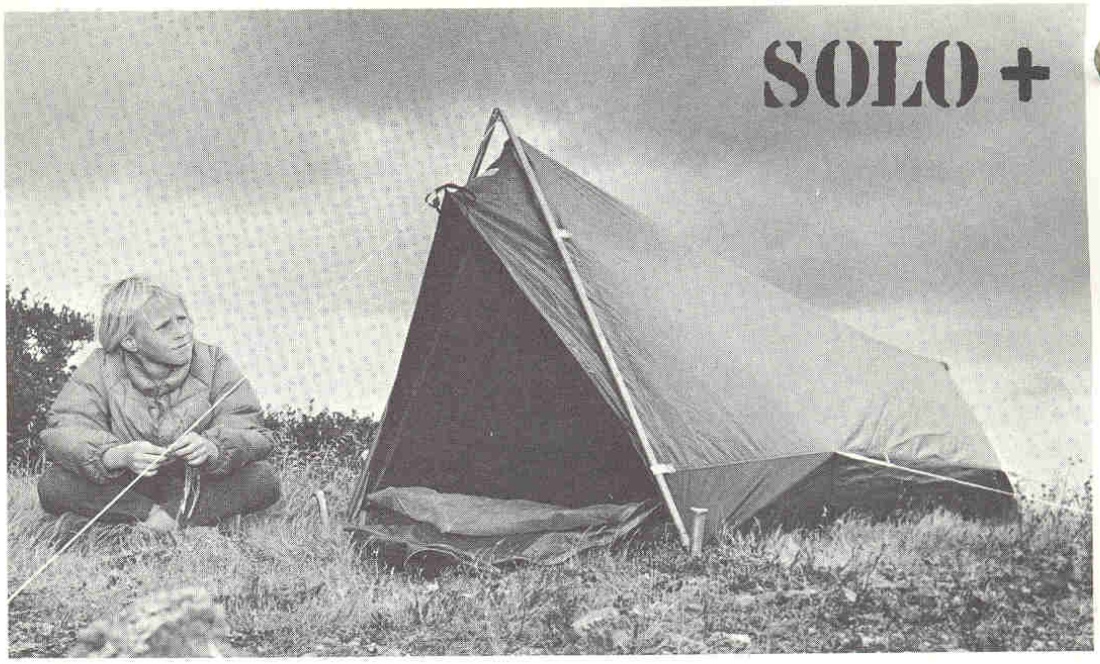
TENT: **$72.50** POLES: **$16.00** RAINFLY/K-kote Ripstop: **$22.00**

COMPLETE WILDERNESS TENT: **$110.50**

SPECIFICATIONS:

Total Weight: 5¾ lbs. (w/wire pegs)
Pole Wgt.: 22 oz.
Fly Wgt.: 20 oz.
Tent Wgt.: 2 lbs. 14 oz.

Floor Size: 7½′x4½′
Height: 45″ front, 36″ rear
Packed Size: 6½″x22″

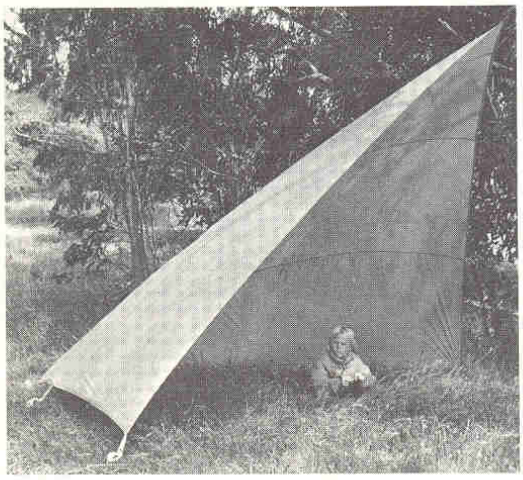


Extremely lightweight and compact, this tent is designed to give ample space for one person, while as a bivouac or emergency shelter two persons can make do. Tent is 7′ long, 30″ wide at rear, and 36″ wide at front. Height at front peak is 36″ and at rear peak 24″. Screen door and outer door of tent both close up sides with pairs of nylon zippers. Tent fabric is 1.9 oz. ripstop nylon. Floor, lower side and end walls are of waterproof Nylport. Rainfly is made of Lynport. Aluminum angle poles at front and a vertical "I" pole at rear. Pegs, guys and carrying sack provided.
COLORS: Bright Blue or Orange.
TENT: **$42.50** FLYSHEET: **$14.50** POLES: **$9.00**
COMPLETE SOLO+ TENT: **$66.00**

SPECIFICATIONS:

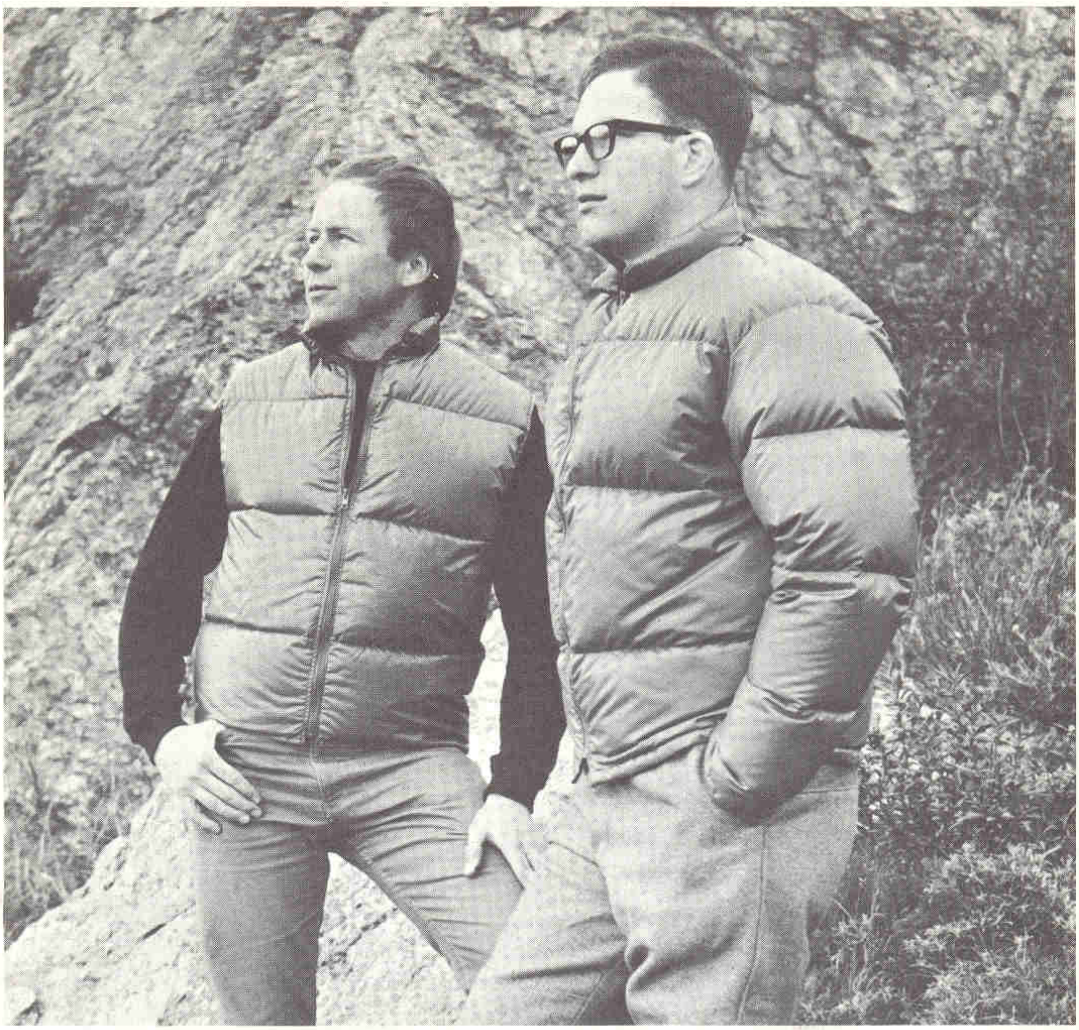
Total Wgt.: 3½ lbs.
Pole Wgt.: 13 oz.
Fly Wgt.: 12 oz.
Tent Wgt.: 1 lb. 12 oz.
Packed Size: 5½″x17″

TARP TENT



This versatile tarp will shelter as many as four persons, and can be pitched by taking advantage of materials at hand. With ingenuity the tarp tent can be made into variously shaped tents; either open and airy, or closed and snug. Tarp is 11′ square and has 21 attaching points. Tie cords and tapes are provided; no pole is necessary. Fabric is coated ripstop nylon in 1.9 oz. weight — strong, waterproof. Weight: 2½ lbs. w/cords. COMES WITH 5″x10″ CARRYING SACK. **$36.50**

With 45″ mosquito bar on three sides — for pitching with fourth side at ground level or on downed log. **$48.50**



DOWN CLOTHING

DOWN VEST

Excellent insulation with absolute minimum weight. Used alone, or combined with shell parka, the vest lends itself to a wide variety of conditions. Average filling of 4 oz. goosedown gives overall thickness of 1″+. Cut from 1.9 oz. ripstop nylon with nylon zipper closure. Vest is 3″ longer in back and has down-filled collar 2″ high. Comes with 3½″x6″ stuffsack. Sizes: X-SM., SM., MED., LGE., X-LGE. COLORS: Green, Blue and Orange. Wgt. 8 oz. **$17.00**

DOWN SWEATER

The lightest of down jackets. We introduce this new item as a midway alternative to our Down Vest or Sierra Jacket. Designed for the climber or backpacker going high and going light. Simplicity is the line of our Down Sweater. Fits closely; zipper closure at front, and elastic at wrists. Down-filled collar. Fabric is 1.5 oz. ripstop nylon, and fill is Prime Silver-Gray goosedown. Comes w/stuffsack. Sizes: X-SM., SM., MED., LGE., X-LGE. COLORS: Bright Blue or Red. Wgt. 12 oz. **$26.50**

SIERRA JACKET

This is our most sought-after item of clothing. A 5″x10″, 18-ounce package providing you with instant warmth on the chill mornings and evenings typical of alpine camping, this jacket is equally suitable for winter ski-touring. With a Mountain Parka over it, the Sierra Jacket gives remarkable protection even in more severe conditions. Sleeves are long and raglan-cut; jacket is hip-length with drawcord bottom. Collar is 2½″ high, snaps snug across throat. Closure is a nylon zipper with a 2″ down-filled overflap with snaps, keeping out all wind. Cuffs have elastic and snaps for controlled ventilation. Two down-filled pockets on front for warm hands and small items. Shell fabric is tough, no-downleak Supernyl. Average fill, 7 oz. goosedown. Sizes: X-SM., SM., MED., LGE., X-LGE. COLORS: Dark Blue, Forest Green, Orange. Stuffsack included. Wgt. 18 oz. **$29.50**

SIERRA JACKET HOOD: To match jacket. Snaps on with three fasteners. Velcro tape at throat; hood draws with leather friction sliders. Give jacket size and color. Wgt. 3 oz. **$5.00**

DOWN BOOTIES

For cold-feet people — around camp, in sleeping bag or tent, or anywhere else. (Lots of ladies buy these for house use!) Goosedown fill; sole insulated with ¼″ thick ensolite. Bottom and lower sides of coated waterproof nylon, uppers of Supernyl.

COLORS: Blue, Green, Orange. SEND FOOT TRACING WITH SOCKS ON. **$8.50**

MINARET PARKA

For really bitter conditions, the mountaineer relies on a "big downie" like our Minaret. We've made many improvements in this parka since introducing it last season, and we feel confident it will satisfy the perfectionist. The Minaret has double-quilt construction, with offset seams. Fabric hidden between quilts is 1 oz. nylon ripstop; outer shell is 1.5 oz. ripstop. Average fill is 15 oz. of Silver-Gray goosedown with average thickness of 2½″. Parka is cut long: bottom comes below hips and has a draw closure. Nylon zipper front (#7) with down-filled, snap-fastened underflap. Cuffs are elastic-and-snap combination. Parka has attached, full hood with drawcord closure. Large front pockets are down-filled and close with Velcro tape. Behind these pockets is a second set, used as hand-warmers. Sizes: SM., MED., LGE., X-LGE. COLORS: Bright Blue or Red. Avg. Wgt., 2 lbs. 2 oz. **$70.00**

DOWN PANTS

1.9 oz. ripstop shell filled with goosedown. Quilt-through construction. Zippers set on outside of legs allow pants to go on over boots. Adjustable waist; two patch pockets. Stuff sack included. COLORS: Blue or Orange. Wgt. 18 oz. Provide inseam, outseam and waist measurements. **$26.50**

WIND PANTS

1.9 oz. ripstop fabric. Adjustable waist, two patch pockets and Velcro tape closure at ankle. Give waist, inseam and outseam measurements. COLORS: Blue or Orange. Wgt. 8 oz. **$16.50**

WIND & RAIN

MOUNTAIN PARKA

This year we've again revised our Mountain Parka design, and in addition offer it in two fabrics — the new one of special interest for hunting and winter climbing. These changes are in the continuing pursuit of greater versatility and performance. Zipper is now a #7 nylon, easiest to operate and most reliable. Cuff closure is now fully gusseted, with Velcro tape — quickly adjusted and foolproof. Four front pockets are bellows-patch type, with Velcro overflaps — quick, reliable, positive closing. All major parka seams are sewn on double-needle, lockstitch machine. Entire rear of parka, from waist to neckline, is a large pocket with zippered closure. Hood and waist drawcords adjust with leather friction sliders. Parka is generously cut to allow proper fit over insulating layer — sweater, down jacket, etc. Sizes: X-SM., SM., MED., LGE., X-LGE.

REEVAIR MODEL

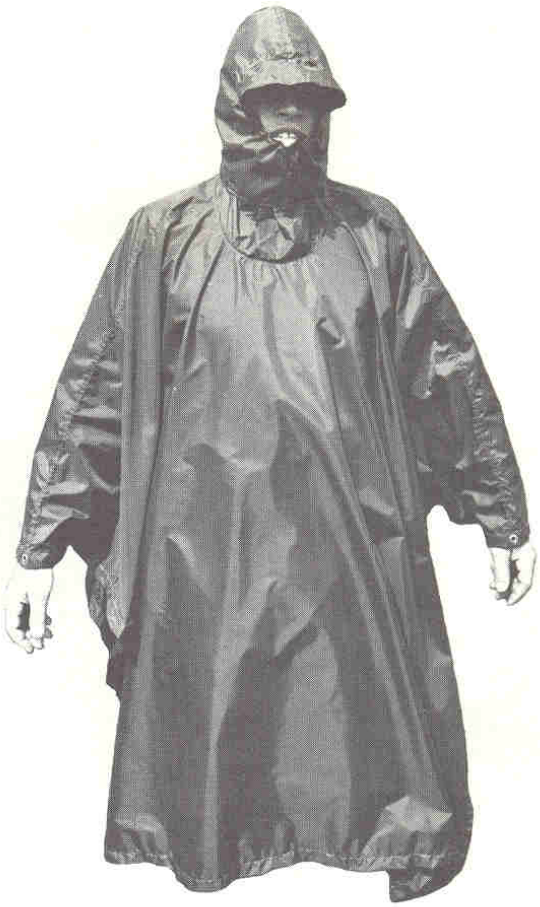
2-ply nylon with micro-porous coating for maximum waterproofness and reasonable "breathability." Seams are sealed and parka is fitted with a complete inner liner of light nylon. Excellent wear and complete protection.

COLORS: Navy, Dark Green, Orange **$32.50**

60/40 CLOTH MODEL

Combination of 60% cotton and 40% nylon. Heavier than all-nylon parka, but excellent breathing and toughness mark this alternate choice as ideal for rough use. Not as waterproof as the Reevair. Lined with nylon to waist; double-fabric hood and upper sleeves.

COLORS: Navy, Orange, Desert Tan **$32.50**



CLIMBER'S CAGOULE

Designed for the mountaineer who wants a light, waterproof parka for bivouac. The Cagoule, slightly revised from last year, is now double-fabric through hood, trunk and upper ⅔ of sleeve. This parka is so roomy in its cut that it becomes, in effect, a tent you wear. Large pocket front-and-center. A nylon zipper closes throat-opening, and cuffs are snap-elastic combination. Fabric is coated ripstop nylon. Sizes: MED., LGE., X-LGE. COLORS: Orange or Blue. Wgt. 14 oz. **$22.00**

PONCHOS

Two models offered in coated Nylport fabric. Protection against rain, plus use as tarp or emergency shelter. Snaps provided at wrist and down each side. Grommets placed in corners and along sides. Attached hood has visor. Seams are sealed. COLORS: Blue, Green, Tan.

STANDARD PONCHO: 84″ x 70″
Wgt. 14 oz. **$16.50**

PACKBOARD PONCHO: 100″x70″
Wgt. 16 oz. **$19.50**

RAINCHAPS

A very useful item in wet brush or when used with parka or poncho. Made of Nylport. Snaps at ankle. Wgt. 4 oz. COLORS: Blue, Green, Tan **$4.75**

BOOTS

These selected boots are made by The Voyageur Boot Co., a division of Redwing Shoe, Redwing, Minnesota, long famous for quality boots. Designed specifically for alpine use and incorporating the best in materials and craft, we are confident you will find them a superior boot value. ORDERING: Give us your normal shoe or boot size. Send a foot tracing made with your boot socks on. Hold pencil vertical to paper and trace both feet.

GRETCHEN

A light-medium weight boot designed and lasted for women. A very strong shoe, giving comfort and protection, but easy to "walk-in." Uppers 6″ high full-grain leather. Fully lined and padded ankle and tongue. Goodyear welt and steel shank. Full Vibram sole and heel. **$24.50** (includes handling and postage)

WHITNEY

A medium-heavyweight boot for men that will take rough use. All full-grain leather 6″ upper with rough out. Fully padded and lined. Goodyear welt, speed laces, steel shank, leather insole and full Vibram sole and heel. Scree cap at back. **$33.50** (includes handling and postage)

DIRECTICEMA

5″ high technical rock-climbing shoe. Gray, rough-out, split leather without lining. Marwa rock sole is closely trimmed to permit fine edging. GIVE INFORMATION ON YOUR FITTING PREFERENCES. **$19.50** (includes handling and postage)

LOW GAITORS

Indispensable for snow and scree. Made of 60/40 cloth. Nylon zipper closure up back. Elastic top and bottom. 7″ high. COLORS: Orange or Navy. Wgt. 3½ oz. **$5.00**

HIGH GAITORS

For use in deep snow. Made of 60/40 cloth with nylon zipper up back. Elastic bottom, adjustable top. 16″ high. COLORS: Orange or Navy. Wgt. 6 oz. **$7.00**

BOOT SOCKS

Heavy wool socks made in Norway.

Sizes 7 and 8	**$1.65**
Sizes 9 and 10	**$1.90**
Sizes 10 to 13	**$2.15**

BUILDING MATERIALS

Weights given per square yard / Prices running yard.

7.5 OZ. PACK DUCK. A tough fabric for packs and duffles. Waterproof polyurethane coating. 42″ wide. COLORS: Navy or Red. **$3.50 yd.**

1.9 OZ. RIPSTOP NYLON. For tents, sleeping bags or down clothing. Water repellant treated. 45″ wide. COLORS: Blue, Forest Green, Orange. **$1.70 yd.**

1.5 OZ. RIPSTOP NYLON. The lightest ripstop for sleeping bags or down clothing. 34″ wide. COLORS: Bright Blue or Red. **$1.95 yd.**

1 OZ. NYLON NETTING. Screen doors or baffle material. 45″ wide. COLOR: Green. **$.90 yd.**

2.75 OZ. NYLPORT. Coated nylon for rainflys, tarps, ponchos. 45″ wide. COLORS: Blue, Green or Tan. **$1.85 yd.**

2.25 OZ. LYNPORT. Fabric as Nylport, but lighter coating. 45″ wide. COLORS: Navy or Tan. **$1.60 yd.**

3.5 OZ. NYLON OXFORD. Coated, waterproof material. For stuffsacks, tarps tent floors. 45″ wide. COLORS: Red, Blue or Green. **$1.90 yd.**

60/40 CLOTH. Excellent for parkas or down clothing requiring tough outer fabric. 4 oz. per sq. yd. 45″ wide. COLORS: Orange, Navy, Desert Tan. **2.50**

REEVAIR. A handsome two-ply nylon that is coated, but breathes. 44″ wide. 3.7 oz. sq. yd. COLORS: Navy, Dark Green, Orange. **$2.50**

PRIME NORTHERN GOOSEDOWN. 1 lb. sacks. WHITE **$16.50,** GRAY **$15.50**

NYLON SLEEPING BAG ZIPPERS. #7 size. 66″ separating **$4.50,** 30″ non-sep. **2.75**

ORDER FORM

SIERRA DESIGNS
4th & Addison Sts.
Berkeley, Calif. 94710
Phone: (415) 849-1942

SOLD TO

Name

Address

Zip

SHIP TO (if not same)

Name

Address

Zip

Quant.	Description	Size	Color 1st Choice	Color 2nd Choice	Price Ea.	Price Total	Office

DO YOU HAVE A FRIEND WHO WOULD LIKE OUR CATALOG?

Sub Total

CALIFORNIA customers 5% sales tax

Special Postage

Total

WE PAY THE POSTAGE

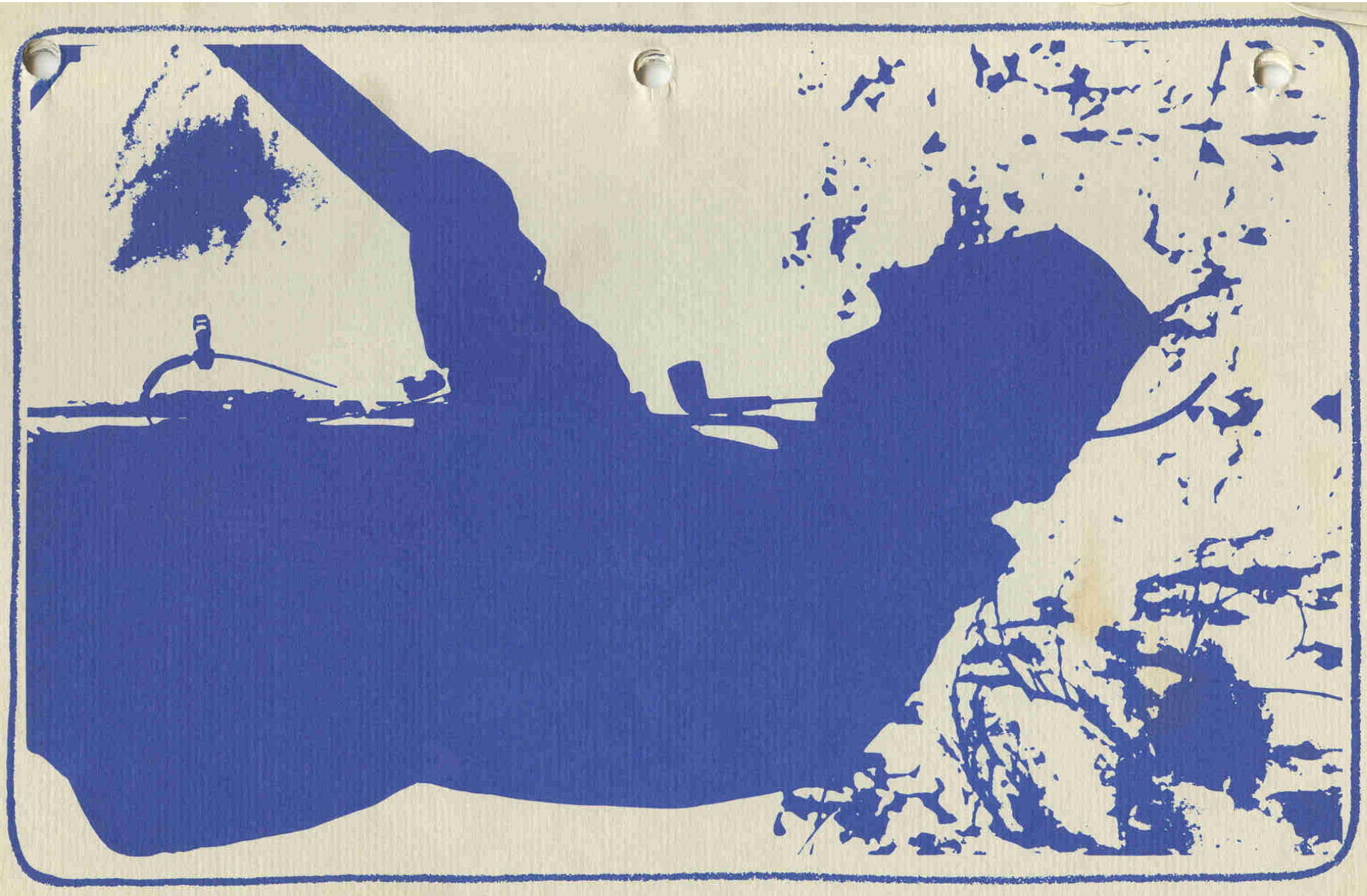
ADD FOR SPECIAL POSTAGE CHARGES

Special delivery.....75

Special handling.....50

Air mail:

Consult Post Office for charges over surface rate and add 1 lb. for packing materials



MOUNTAIN SPECIALTY SHOPS THAT SELL OUR PRODUCTS LOCALLY

ARIZONA • High Adventure/Phoenix

CALIFORNIA • West Ridge/Los Angeles
Alpenhaus/Sacramento

MASSACHUSETTS • Eastern Mountain Sports/Boston

NEW HAMPSHIRE • Peter Limmer & Sons/Intervale
Skimeister/North Woodstock

OREGON • Cloud Cap Chalet/Portland

UTAH • Perkins, Ltd./Ogden
Timberline Sports/Salt Lake City

WYOMING • Powderhorn Mountaineering/Jackson Hole

Design: Alfred Marty

SIERRA DESIGNS, INC.
4th & Addison Streets
Berkeley, Calif. 94710

BULK RATE
U.S. POSTAGE
PAID
Berkeley, California
Permit No. 710

RETURN REQUESTED

COVER PHOTO: Sierra Design experimental 4-man tent in use by the U.S.G.S. on the Taku Glacier in the Juneau Icefield, Alaska. Photo by Art Ford, U.S.G.S.

PECIALTY SHOPS THAT SELL OUR PRODUCTS LOCALLY

High Adventure/Phoenix

- West Ridge/Los Angeles
  Alpenhaus/Sacramento

TTS • Eastern Mountain Sports/Boston

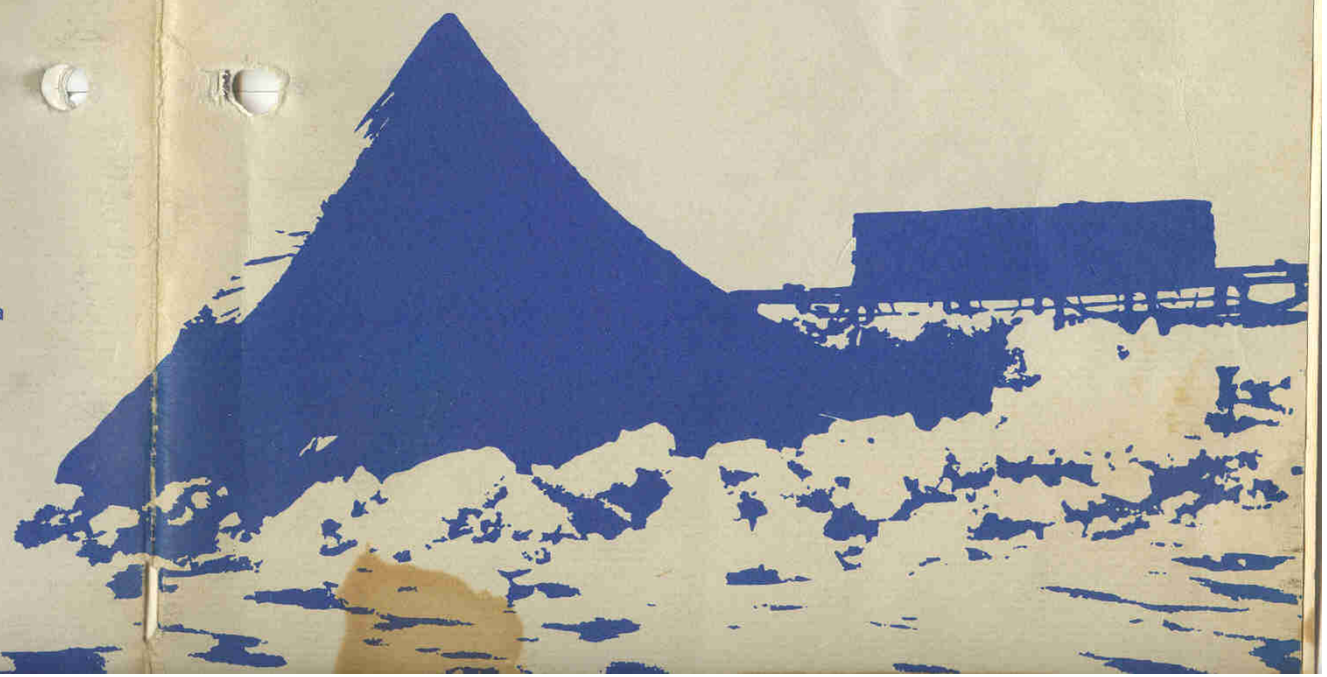
HIRE • Peter Limmer & Sons/Intervale
  Skimeister/North Woodstock

Cloud Cap Chalet/Portland

kins, Ltd./Ogden
nberline Sports/Salt Lake City

Powderhorn Mountaineering/Jackson Hole

NS, INC.
Streets
94710

BULK RATE
U.S. POSTAGE
PAID
Berkeley, California
Permit No. 710

SIERRA DESIGNS 68/69